PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Geuze and Melief)	Examiner: Amy DeCloux
Serial No.: 09/011,167)	Art Unit: 1644
Filed: October 5, 1998)	CLEAN CODY OF THE DESIDING
For: CELL DERIVED ANTIGEN PRESENTING VESICLES)	CLEAN COPY OF THE PENDING CLAIMS

BOX AF

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The following is the text of the pending claims including amendments shown on the attached "Version with Markings to Show Changes Made to the Claims".

IN THE CLAIMS:

- 3. (Reiterated) The antigen presenting vesicle according to claim 13 further comprising at least partially processed antigens.
- 4. (Reiterated) The vesicle according to claim 3 wherein said at least partially processed antigens are presented in the context of MHC class I proteins.
- 6. (Reiterated) The antigen presenting vesicle according to claim 13, wherein said antigen presenting cell is derived from a B-lymphocyte, a Langerhans cell, a macrophage or a dendritic cell.

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9. (Three Times Amended) An antigen presenting vesicle having a membrane and a major histocompatibility complex (MHC) class I protein, obtained by the step of:

recovering a membrane-enriched fraction obtained by differential centrifugation of membrane-containing fractions of cell culture supernatants or lysates of antigen presenting cells.

11. (Amended) An antigen presenting vesicle having a membrane and a major histocompatibility complex class I molecule, obtained by the step of:

recovering a 70,000 x g pellet obtained by differential centrifugation of membranecontaining fractions of cell culture media or lysates of antigen presenting cells containing MHC class I.

12. (Amended) A purified antigen presenting vesicle having a membrane and a major histocompatibility complex class I molecule, obtained by the step of:

recovering a fraction having a buoyant density of 1.10 to 1.22 g/ml from a 70,000 x g pellet obtained by differential centrifugation of membrane-containing fractions of cell culture supernatants or lysates of antigen presenting cells containing MHC class I.

13. (Twice Amended) An antigen presenting vesicle free from its natural surroundings, comprising:

a membrane and a major histocompatibility complex (MHC) class I protein or a functional derivative or fragment thereof, wherein said antigen presenting vesicle is obtainable from an antigen presenting cell.

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CONCLUSION

Should the Board of Appeals have any questions regard the above, in order to expedite prosecution, the Board is invited to call the undersigned.

Respectfully submitted,

Dated: November 19, 2001

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